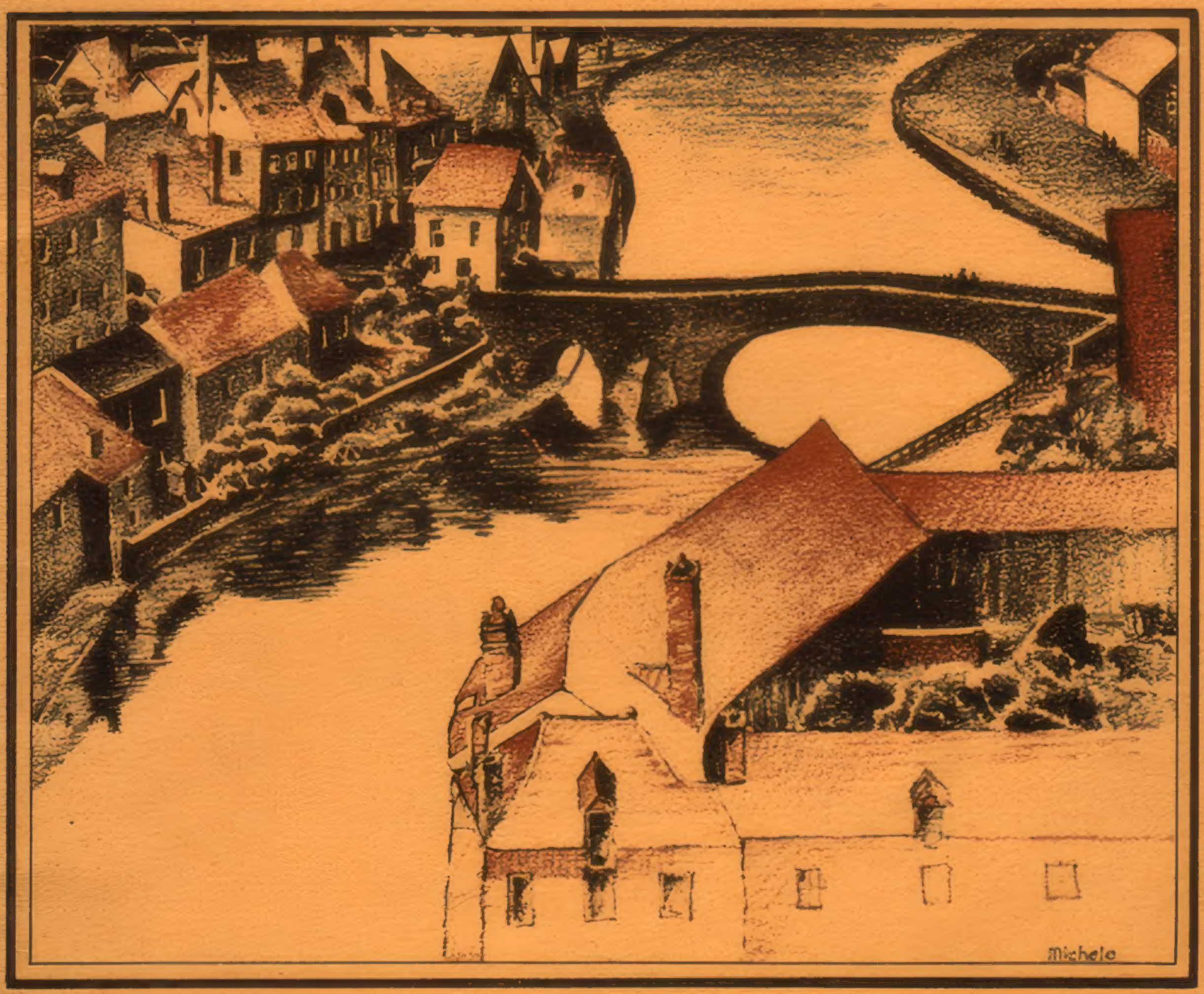
KOH-I-NOOR



MATERIALS

We have endeavored, in the limited space of this catalog, to show only items of the most interest to the Artist, Architect, Engineer, Draftsman, Student and for use in offices and schools.

Our complete line is very extensive and should you be in need of a pencil or crayon not listed in this catalog, please communicate your requirements to us.

Koh-I-Noor materials are sold only through regular dealer channels and if for any reason your dealer is unable to satisfactorily fill your requirements, we shall be glad to see that you are supplied through some other source.

Be assured that any materials bearing the L. & C. Hardtmuth name are designed to give you quality, satisfaction and service.

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West of the Mississippi, prices may be slightly higher
than those quoted in this catalog.

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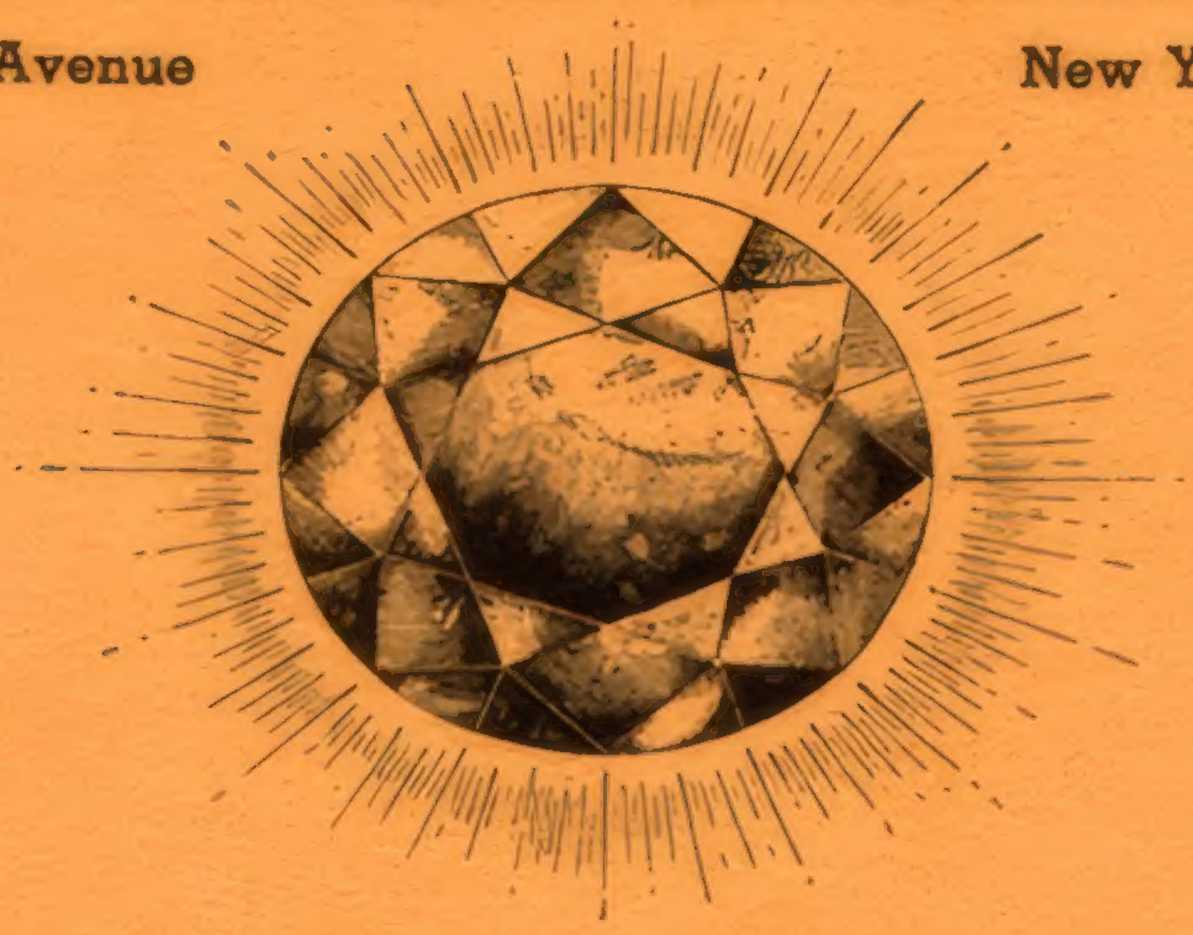
KOH-I-NOOR PENCIL COMPANY, INC.

373 Fourth Avenue **New York, N. Y.**



The Koh-I-Noor Diamond in its present cutting

VOL. VI No. 5

CATALOG

of

KOH-I-NOOR MATERIALS

for the

ARTIST · ARCHITECT
DRAFTSMAN · ENGINEER AND
STUDENT

and for use in office
and school work

KOH-I-NOOR PENCIL COMPANY, Inc.
373 Fourth Avenue · New York

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by Koh-I-Noor Pencil Co., Inc.

Printed in U.S.A.

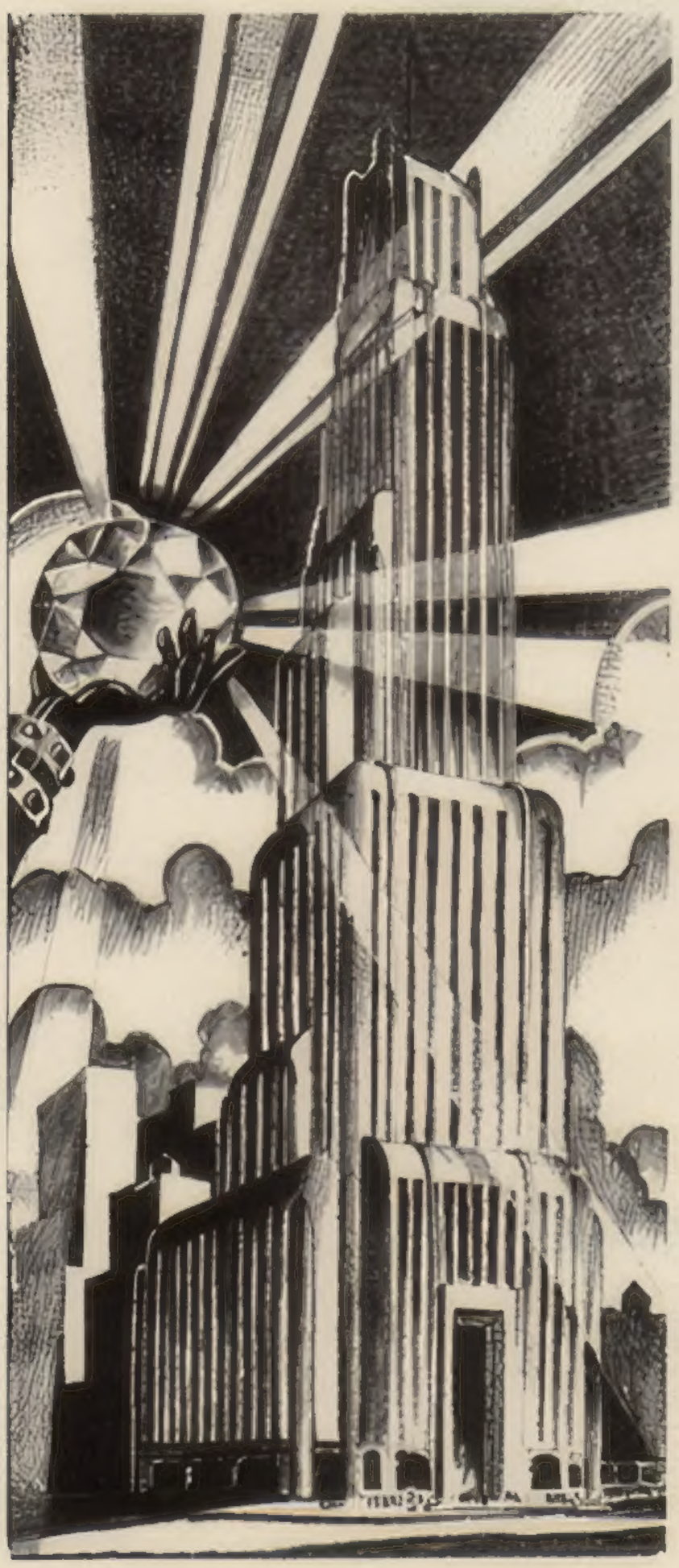
FIRM FOUNDATIONS

Companies, like modern skyscrapers, must be built on substantial foundations, otherwise they cannot withstand the ravages of time.

When the L. & C. Hardtmuth Company was started in 1790, it was built on a firm foundation, with "QUALITY" as its motto. From this foundation has grown a world-wide business with five branch factories and the sale of merchandise in every civilized country of the globe.

The Hardtmuth factories are equipped with machinery designed to produce fine work, little consideration being given to speed. Employees are trained along the same lines and take pride in being able to produce perfect work. It is interesting to note that Hardtmuth employees look upon their jobs as a life work rather than an interim between jobs.

Materials used in the manufacture of Hardtmuth products are purchased in many parts of the world. Genuine Southern Red Cedar from the United States, Clay from Czechoslovakia and Graphite from Ceylon are selected, as these countries produce such materials of a quality most suitable for pencil manufacture.



Each and every step in the construction of a Hardtmuth pencil is a slow, painstaking one. The one operation of grinding graphite requires several weeks continuous grinding to attain the desired smoothness, and this is accomplished in a battery of 1400 mills operating night and day.

The resulting quality is at once apparent to the user of a Hardtmuth pencil. Such smoothness, such uniformity and durability can only be the result of the combination of fine materials and manufacturing skill.

In purchasing any material bearing the Hardtmuth name, do so with the assurance that it represents a product of the highest quality in its particular class.

•

THERE IS NO SUBSTITUTE

FOR

QUALITY

KOH-I-NOOR DRAWING PENCILS

The famous Koh-I-Noor Drawing Pencil is known, by reputation at least, by everyone to whom the graphite pencil is a necessary working instrument.

Named for the world's most perfect diamond, "The Koh-I-Noor," constant care and watchfulness are used to make the Koh-I-Noor Drawing Pencil just as flawless.

Although graphite pencils today are called upon to perform new and different tasks, yet Koh-I-Noor Drawing Pencils are able to satisfactorily meet all the demands placed upon them.

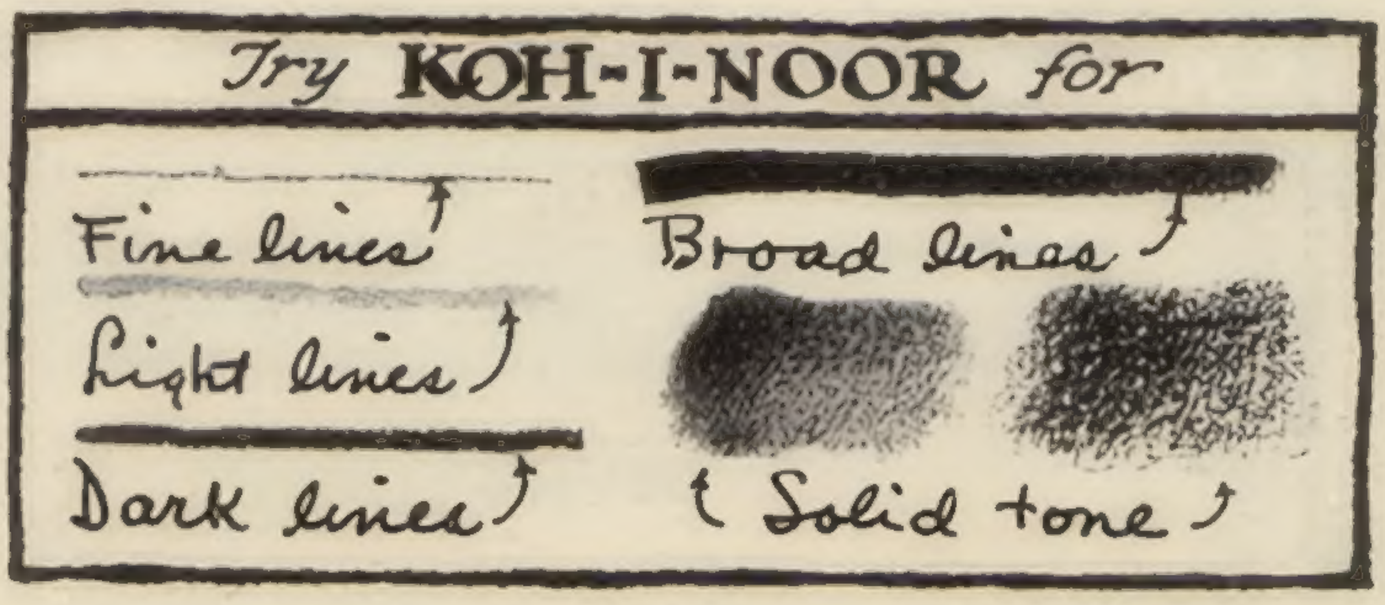
Drawing techniques, however, have changed. Blue prints are now made from original pencil tracings instead of by the tedious and more expensive method of inking on tracing cloth. To produce a good blue print from a pencil tracing, lines must be smooth, dense and of an opaqueness which will withstand the light rays of the printing operation. Koh-I-Noor drawing pencils are now employed in hundreds of drafting rooms to satisfactorily produce this difficult operation.

Koh-I-Noors of similar degrees are the same today as they were 40 years ago. Leads of unusual strength, smoothness and density give to the user a precision tool so necessary for fine, accurate, continuous work.

Any task which a graphite pencil is called upon to perform can be most satisfactorily accomplished with a KOH-I-NOOR.

1500 Koh-I-Noor Drawing Pencil. Hexagon, yellow polished, gold stamped. Made in 17 degrees: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H and 9H.

10 cents each **$1.00 per dozen**



ARTISTS' PENCILS AND LEADS

These Koh-I-Noor Artists' Pencils owe their popularity chiefly to the fact that the length of the pencil is permanently uniform. Then, too, it is easy to keep the lead pointed and extended beyond the metal clutch, to give any length point necessary for the work at hand.

The holders are carefully made in every particular. The gilt metal screw point is positive in its action, holding the lead as rigidly as though it were a part of it.

Also made in double end style containing HB lead in one end and 6H in the other.

The leads for these Artists' Pencils are the same as those found in the famous Koh-I-Noor Drawing Pencil. Each lead is carefully pointed, stamped with the full name and degree and packed in boxes of six leads, having a separate compartment for each lead. This furnishes protection against breakage and is convenient for carrying or storage in the desk or kit box.

1511 Koh-I-Noor Artists' Pencils. Single end, hexagon, yellow polished, gold stamped, brass point, white celluloid tips. Made in 17 degrees:
6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H and 9H.

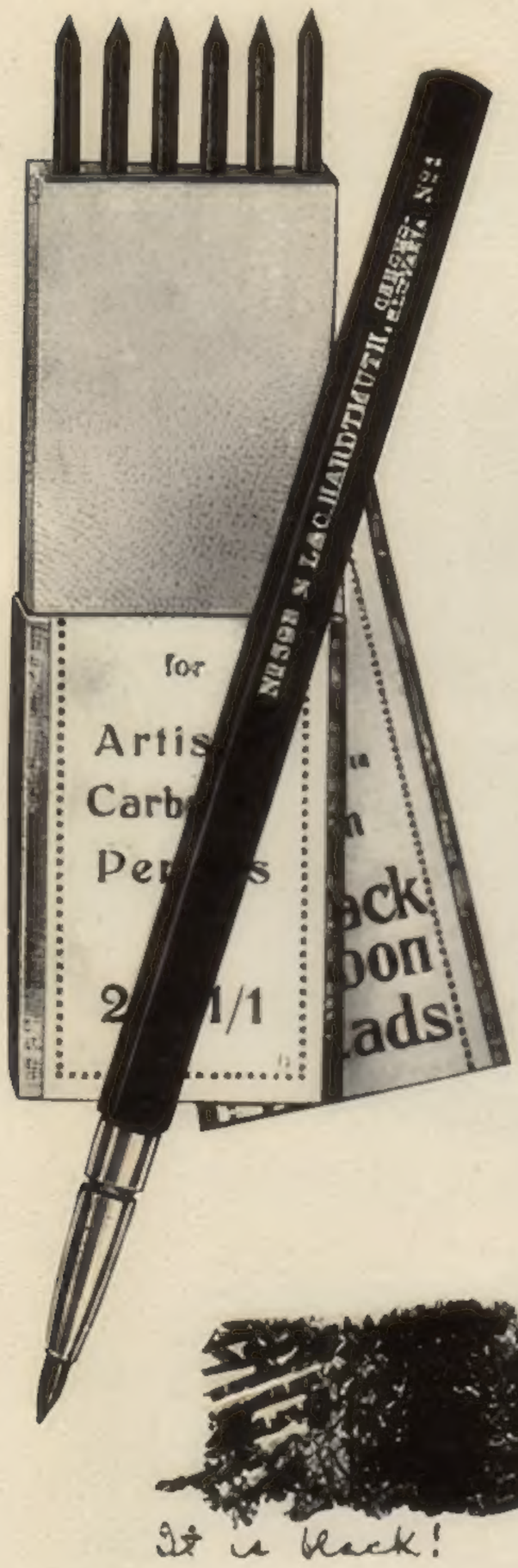
50 cents each

1504 Koh-I-Noor Artists' Pencils. Double end, hexagon, yellow polished, gold stamped, brass points. Made only with HB lead in one end and 6H in the other.

75 cents each

2200 Koh-I-Noor Leads for Artists' Pencils. Each lead 5⅛" long, pointed and stamped with manufacturer's name and degree. Packed six to a box, each lead in a separate compartment. Made in 17 degrees: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H and 9H.

45 cents per box



EVER-POINTED CARBON PENCILS AND LEADS

The advantages of an Ever-Pointed pencil are obvious. It is especially recommended when one uses a pencil for long periods of time. The lead can be extended to any desired length and clamped rigidly in place. Carbon leads are useful for smaller and more detailed sketches where the ordinary size charcoal cannot be used. The work reproduces well, though like charcoal, must be fixed to prevent smudging. Try it with Sanguine for a pleasing combination. The holder is nicely made with polished barrel and nickel plated tip.

39B Ever-Pointed Carbon Pencils. Made in 5 degrees: 1 softest, 2, 3, 4 and 5.

35 cents each

2601 Carbon Leads. Six to a box, each lead in a separate compartment. Made in 5 degrees: 1 softest, 2, 3, 4 and 5.

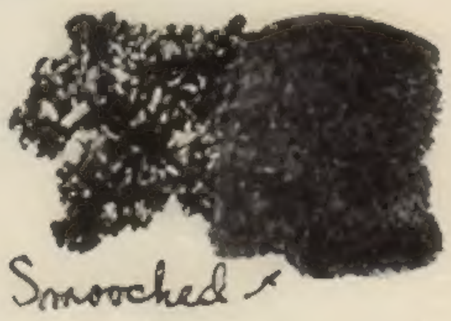
25 cents per box of six

COMPRESSED CHARCOAL

This splendid article has been enthusiastically received. It eliminates all the disadvantages of natural charcoal but retains all of its advantages. Definitely graded, it has no hard spots and will give a dense black tone even on smooth papers.

192 Compressed Charcoal. Made in 5 degrees: 1 softest, 2, 3, 4 and 5.

5 cents per stick **50 cents per dozen**



NICKELED HOLDER

For use with Compressed Charcoal stick No. 192. Eliminates waste and prevents soiling of fingers.

1112 Nickeled Holder **10 cents each**

KOH-I-NOOR POLYCOLOR PENCILS

These beautiful crayons are made in 64 sunfast colors, a tint to meet every possible requirement. Many different techniques and uses are possible, the Polycolor being a tool capable of endless forms of expression. Architects use them for coloring perspectives. Artists find them indispensable for quick outdoor sketching, enabling them to later reproduce a finished drawing of the sketch without depending on memory alone as to what the true colors were. They may be used to color photographs. They are soluble in Koh-I-Noor Solvent (see page 20), producing many interesting and unusual effects. In combination with charcoal and used on tinted and even black papers, the user is certain to find new techniques, both pleasing and unusual.

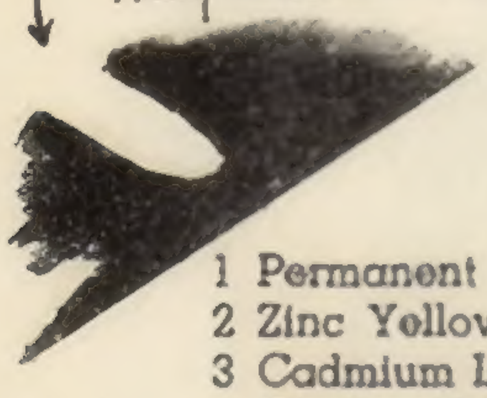
Strong, easily sharpened leads, encased in the finest quality Red Cedar, each pencil polished to match its lead, all tend to make the Polycolor the popular line it is.

1600 Koh-I-Noor Polycolor Wax Crayons. Round, gold stamped, each pencil polished in colors to match the crayon within. Individual colors:

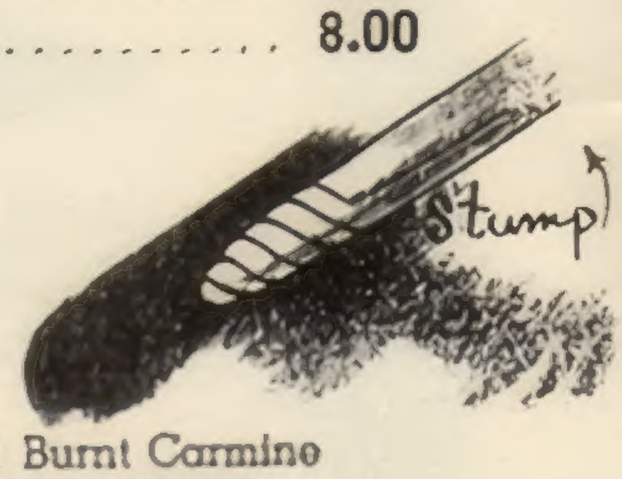
15 cents each **$1.50 per dozen**

KOH-I-NOOR POLYCOLOR SETS

1610	**— 6**	**assorted colors**	**$ .90**
1611	**—12**	**" "**	**1.50**
1612	**—18**	**" "**	**2.25**
1612PN	**—18**	**" "**	**2.25**
1613	**—24**	**" "**	**3.00**
1614	**—36**	**" "**	**4.50**
1615	**—48**	**" "**	**6.00**
1617A	**—64**	**" "**	**8.00**



They blend beautifully



LIST OF COLORS

1 Permanent White
2 Zinc Yellow
3 Cadmium Lemon
4 Chrome Yellow, pale
5 Cadmium, deep
6 Naples Yellow
7 Chrome Yellow, deep
8 Orange
9 Green Earth
10 Olive Green
11 Emerald Green
12 May Green
13 Sap Green I
14 Sap Green II
15 Sap Green III
16 Hooker's Green I
17 Hooker's Green II
18 Viridian
19 Vegetable Green
20 Prussian Green
21 Light Blue
22 Mountain Blue
23 Cobalt Blue
24 Ultramarine
25 Paris Blue
26 Prussian Blue
27 Indigo
28 Delft Blue
29 Violet Lake, reddish
30 Violet Lake, bluish
31 Madder Lake, rose
32 Madder Lake, deep
33 Rose Lake
34 Crimson Lake
35 Carmine Extra
36 Scarlet Lake
37 Saturn Red
38 Vermilion, pale
39 Vermilion, deep
40 Light Ochre
41 Raw Sienna
42 Gold Ochre
43 Brown Ochre
44 Burnt Light Ochre
45 Burnt Sienna
46 English Red
47 Pompeian Red
48 Indian Red
49 Burnt Carmine
50 Raw Umber
51 Vandyke Brown
52 Burnt Umber
53 Sepia
54 Warm Sepia
55 Cerulean Blue
56 Pearl Grey
57 Payne's Grey
58 Light Grey
59 Neutral Tint
60 Ivory Black
61 Flesh color, light
62 Flesh color, dark
63 Violet, light
64 Violet, dark

KOH-I-NOOR POLYCOLOR LEADS

We have just placed on the market a line of Koh-I-Noor Polycolor leads in 24 colors, and advise their use with either of the holders shown on page 11.

These leads are made of the same material as contained in the Koh-I-Noor Polycolor pencil and are of the exact size as the illustration on this page.

All of the good features of the wooden pencil are retained, but due to the generous size of the lead, breakage is not as common and sharpening is made easier. One holder and a supply of leads form a complete and convenient color kit, the leads being quickly interchangeable in the holder.

Dealers are being supplied with this popular line just as rapidly as possible. If you have any difficulty purchasing your requirements, please communicate this information to us, giving your dealers' name.

2600 Koh-I-Noor Polycolor Leads. 7/32" in diameter by 4¾" long. Each lead plainly stamped with color number. Packed six of a color to a box.

10 cents each **60 cents per box of six**

O2600 Koh-I-Noor Polycolor Lead Set. Contains one lead each of 24 colors.
$2.25 per set.

LIST OF COLORS

1 Permanent White
3 Cadmium Lemon
4 Chrome Yellow, pale
5 Cadmium, deep
8 Orange
11 Emerald Green
12 May Green
17 Hooker's Green II
18 Viridian
21 Light Blue
24 Ultramarine
25 Paris Blue
26 Prussian Blue
30 Violet Lake, bluish
32 Madder Lake, deep
34 Crimson Lake
36 Scarlet Lake
38 Vermilion, pale
39 Vermilion, deep
41 Raw Sienna
51 Vandyke Brown
52 Burnt Umber
58 Light Grey
61 Flesh Color, light

See pages 10 and 11 for holders and other type leads of this size.

SPECIAL POLYCOLOR SETS

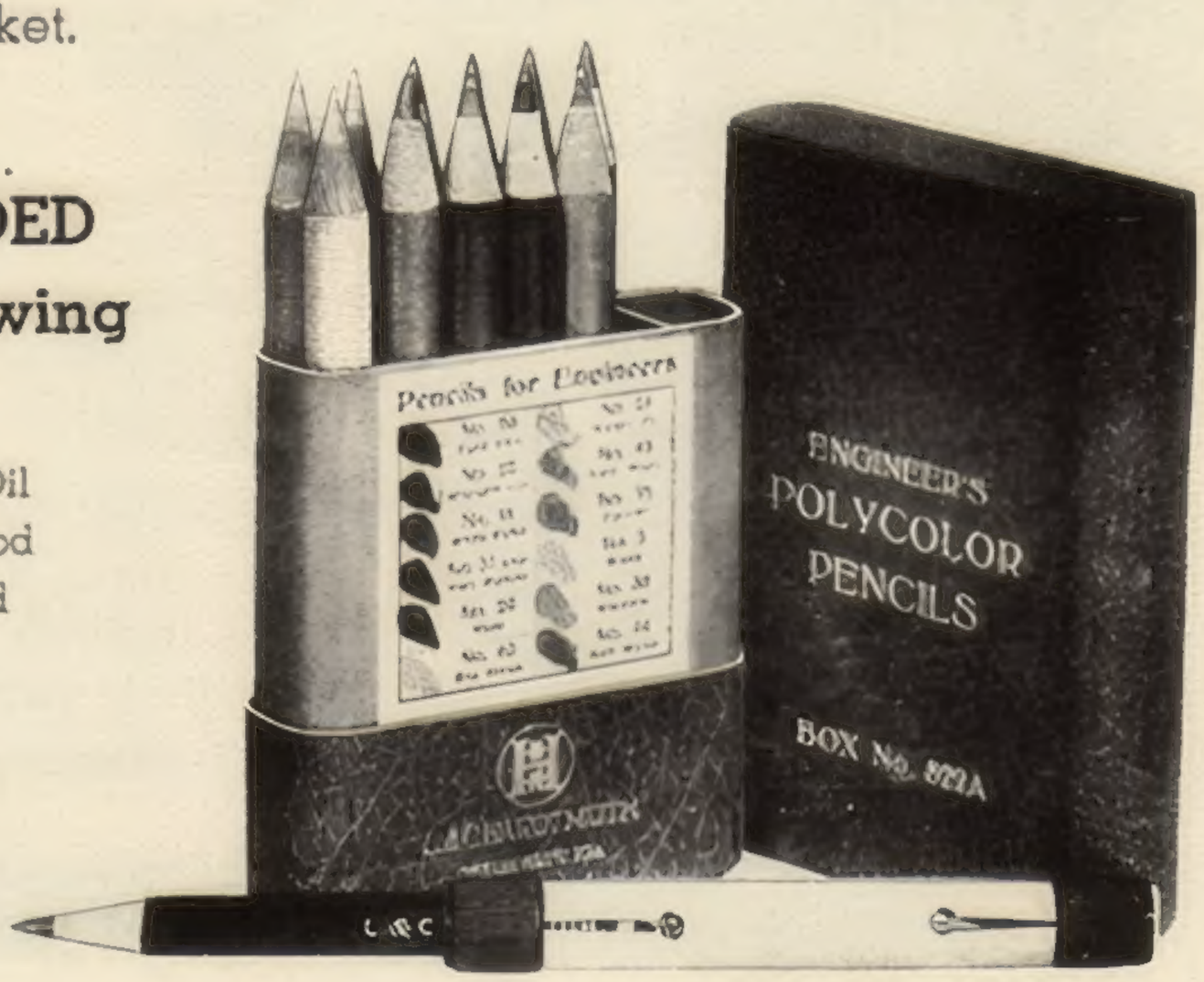
POLYCOLOR ENGINEER'S SET

This set has been produced especially for engineers and others who use color to designate different materials on plans. A color chart on the box indicates the colors and their uses. The pencils are 4½" length Koh-I-Noor Polycolor Crayons, nicely sharpened and packed twelve to a box with a double end bamboo lengthener. The box is of brown leatherette, stamped in gold and is an especially convenient package for the pocket.

COLORS ARE PROVIDED for designating the following materials

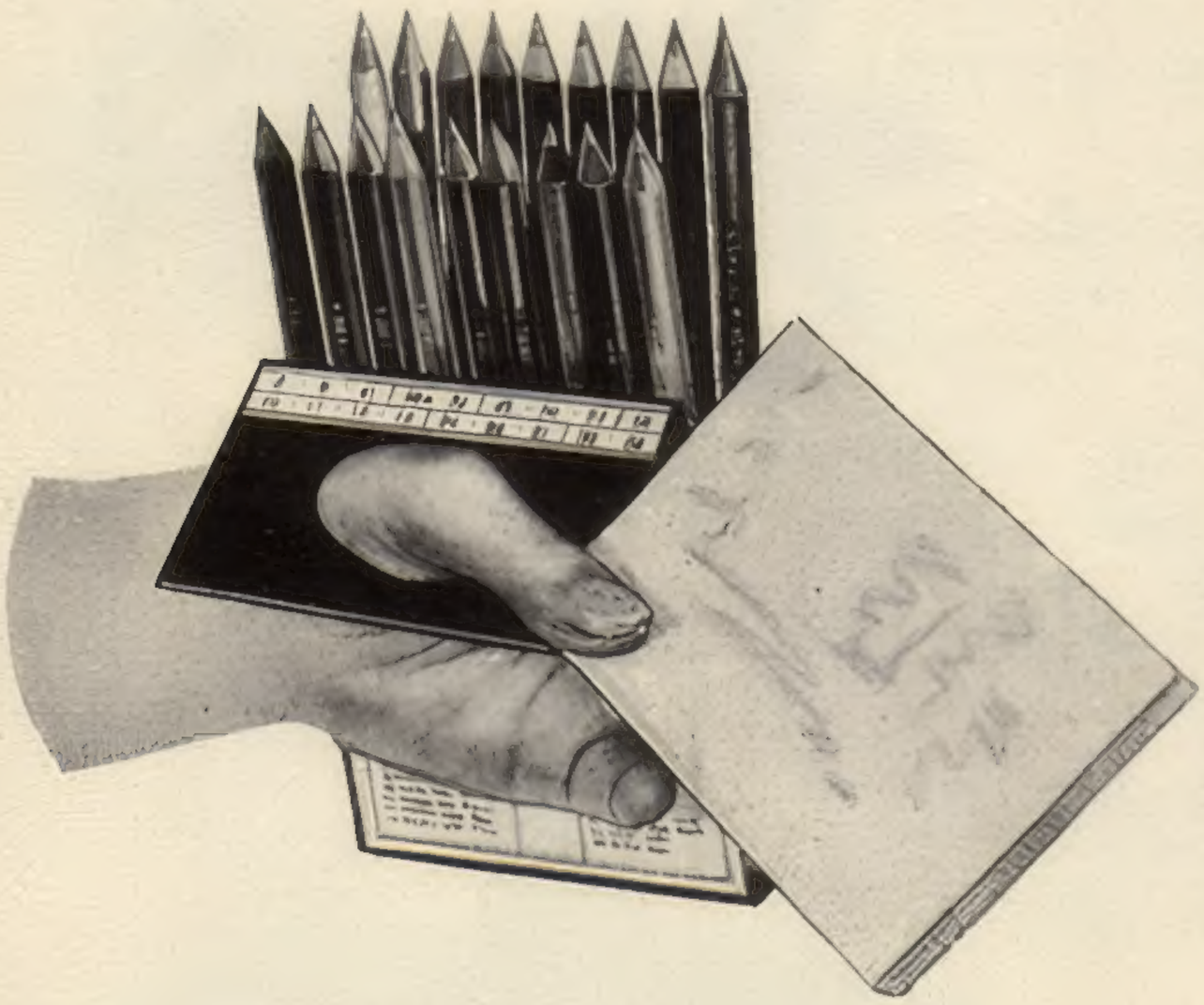
Cast Iron	Water—Oil
Wrought Iron	Hard Wood
White Metal	Soft Wood
Rubber—Leather	Copper
Steel	Brass
Red Brass	Masonry

822A—$1.00 per set



KOH-I-NOOR POLYCOLOR PALETTE SET

The Palette set is made specially for sketching. The palette holder goes over the thumb, leaving the fingers free to hold the sketching pad. The box opens wide enough to give easy access to all the pencils so that one never loses time looking for the right color. The box is compact and light to carry, and the eighteen colors offer a fine assortment for sketching. The crayons are the Koh-I-Noor Polycolor, a wax crayon, soft and delightful to use.



1612PN Palette Set **$2.25**

LIST OF COLORS

Cadmium Lemon	Violet Lake, bluish
Cadmium, deep	Madder Lake, deep
Olive Green	Vermilion, pale
May Green	Raw Sienna
Sap Green I	Burnt Sienna
Hooker's Green II	Raw Umber
Light Blue	Burnt Umber
Ultramarine	Light Grey
Prussian Blue	Violet, dark

MONA LISA PENCILS AND STICKS

Unlike most chalk materials, Mona Lisa blends with or without a solvent and produces clear, brilliant and permanent colors. Stronger, more durable and harder than pastels, they prove very economical in use.

Formerly Mona Lisa was made in 27 colors in both pencil and stick form. So popular did the sticks become, that our factory recently produced these in 49 colors. The pencil line remains the same with 27 colors.

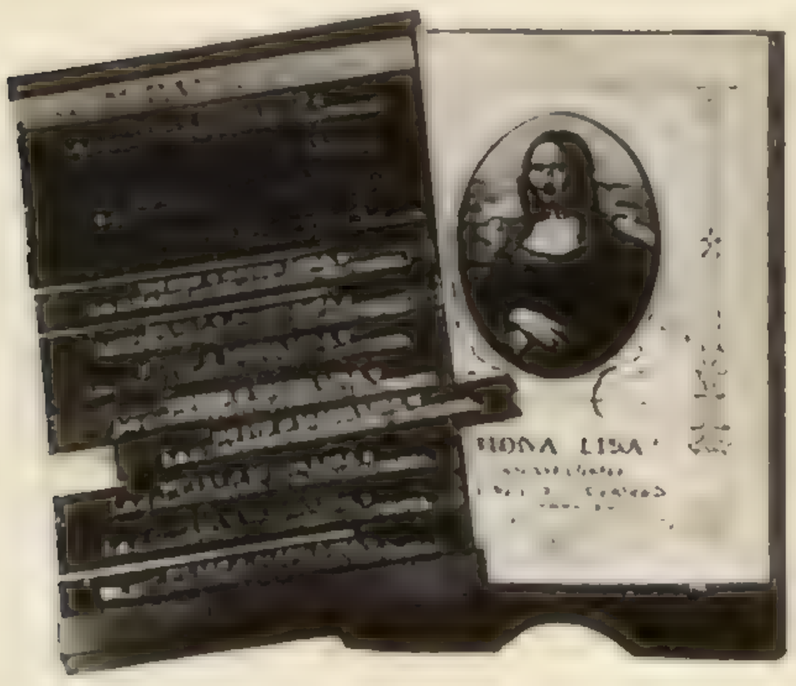
MONA LISA PENCILS

397 Mona Lisa Pencils. 27 colors. Round, gold stamped, each pencil polished to match the crayon within. Individual colors: Nos. 101 to 127.

15 cents each **$1.50 per dozen**

MONA LISA PENCIL SETS

3075— 6 assorted colors.....$ .90
3076—12 " " 1.50
3077—18 assorted colors.....$2.25
3078—24 " " 3.00



MONA LISA STICKS

381 Mona Lisa Sticks. 49 colors. Size ¼" x 3". Individual colors: Nos. 101 to 149.

10 cents per stick

MONA LISA STICK SETS

377/13—13 assorted colors.....$1.10
377/18—18 " " 1.50
377/24—24 " " 2.00
377/36—36 " " 3.00
377/51—51 " " 4.25

Note:—The 51 set contains two sticks each of black and white.

LIST OF COLORS

101 White
102 Chrome Yellow, light
103 Light Ochre
104 Natural Sienna
105 Vermilion
106 Burnt Sienna
107 Carmine
108 Cobalt Blue
109 Ultramarine
110 Paris Blue
111 Cinnabar Green, dark
112 Vandyke Brown
113 Ivory Black
114 French Grey
115 Bistre
116 Yellow Chrome
117 Lapis Lazuli
118 Dark Violet
119 Zinc Yellow
120 Dark Grey
121 Cadmium, deep
122 Pink
123 Caput Mortuum
124 Light Violet
125 Cinnabar Green, light
126 Green Earth
127 Indian Red
128 Naples Yellow
129 Cadmium Yellow, light
130 Cadmium Red, light
131 Emerald Green, light
132 Viridian, light (bluish)
133 Sap Green
134 Viridian, dark
135 Hooker's Green, dark
136 Cobalt Blue, light
137 Cobalt Blue, medium
138 Cobalt Blue, dark
139 Prussian Blue
140 Ultramarine, light
141 Delft Blue, light
142 Violet Lake
143 Violet Grey
144 Pearl Grey
145 Flesh Color, yellowish
146 Flesh color, reddish
147 Scarlet Red
148 Terra di Pozzuoli
149 Madder Lake, light rose

MISCELLANEOUS SKETCHING LEADS

While some users prefer pencils and others sticks, there has long been a demand for large diameter leads of various materials which could be used in handy and practical holders.

To meet this demand, we have produced several different types of leads, all 7/32" diameter by 4¼" long to fit either of the holders listed on the opposite page.

With such a range of different mediums, and a holder or two, the student or artist is enabled to have a complete, inexpensive assortment to satisfy every requirement of rapid sketching. Quickly interchangeable in the holder, they fill a long-felt need.

2018 Graphite Leads are of the same material as used in the Flat Lead Sketching Pencil No. 355. Made in three degrees: 2B, 4B and 6B. **5 cents each**

2600 Koh-I-Noor Polycolor Leads. See page 7 for complete description.
10 cents each

2610 Negro Leads are of the same material as used in the Negro Drawing Pencil No. 350. Made in two degrees: 1 softest and 2. **5 cents each**

2615 White Chalk Leads have recently been produced to meet numerous requests which we have had for such an item. Used with other mediums, they serve many purposes admirably, chief among which is the accenting of highlights. Made in one degree only. **5 cents each**

2620 Sanguine Leads are of the same material as used in the Sanguine Pencil No. 186 and Sanguine Stick No. 208. Made in one degree only. **5 cents each**

2625 Charcoal Leads are of the same material as used in the Charcoal Sticks No. 192. Made in three degrees: 1 softest, 2 and 3. **5 cents each**

2632 Roman Sepia Leads. A new medium recently introduced. Excellent for life drawing. Made in one degree only. **5 cents each**

2633 Cold Sepia Leads. A new medium, slightly darker than No. 2632. Especially pleasing on tinted papers. Made in one degree only. **5 cents each**

2635 Silver Leads. Give bright, luminous color and are found useful for many purposes. Made in one degree only. **10 cents each**

2636 Gold Leads. Show up well on blue prints or dark papers. Made in one degree only. **10 cents each**

All of the above leads packed six to a box.

UNIVERSAL AND GALOLITH HOLDERS

Here are two handy holders, practical for Artists, Architects, Teachers and Students. They are especially desirable where speed is essential or where it is necessary to change from one type of lead to another. Both of these holders accommodate all of the leads shown on pages 7 and 10. No sketching kit is really complete without one or both of these, together with a supply of leads.

The illustrations are full size

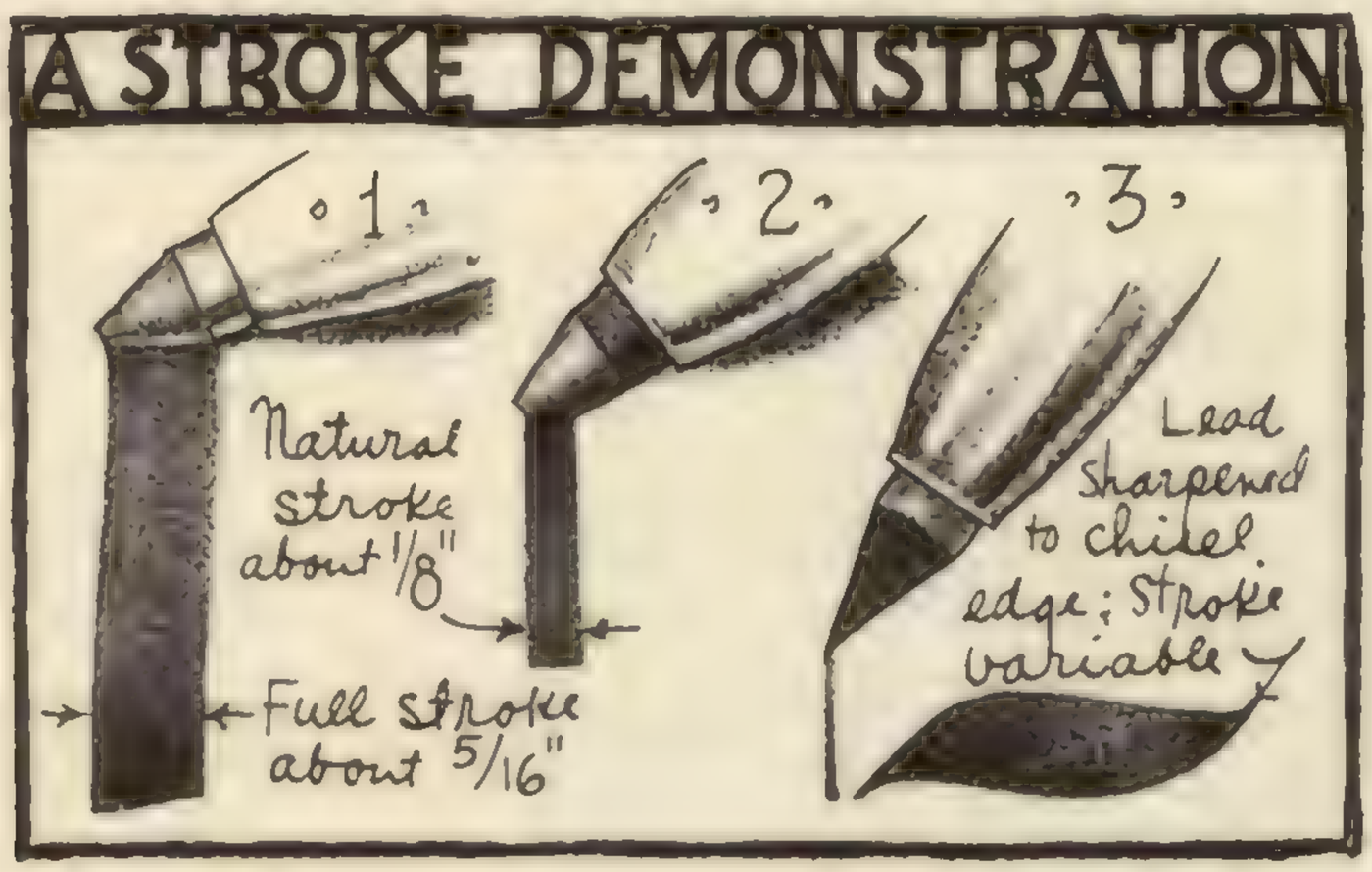
48 Universal Holder. Exceedingly handy and practical, sturdy and well made. A turn of the metal point to the right and the lead is held securely. A turn to the left releases the lead for removal or to drop it back into the barrel for protection. Black polished Hexagon barrel with nickeled tip.

50 cents each

4082 Galolith Holder. A beautiful deluxe instrument of jet black galolith with chromium metal trim. Pressure on the button releases the grip on the lead for changing the length of the point or the removal of the lead from the barrel. Without doubt an instrument which will prove helpful to every user in all lines of work.

$1.00 each

See pages 7 and 10 for the different leads
which may be used in either of
these holders.

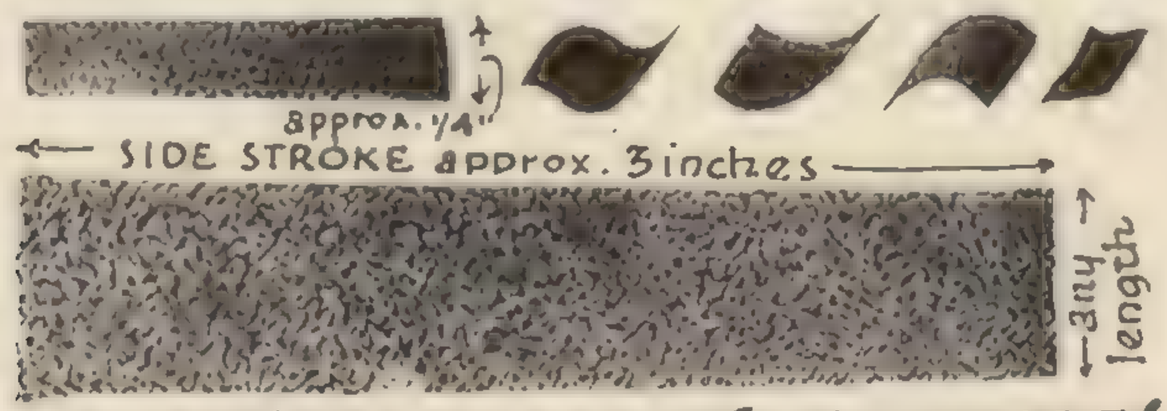


MISCELLANEOUS SQUARE STICKS

Drawing materials in stick form are becoming more and more popular especially for the new techniques. Many interesting and beautiful effects may be attained by the use of these sticks.

194 Carbon Sticks give jet black strokes which reproduce well. ¼" x 3". Made in three degrees: 1 softest, 2 and 3. Also made in pencil form No. 190A and lead form No. 2601.

5 cents per stick **50 cents per dozen**



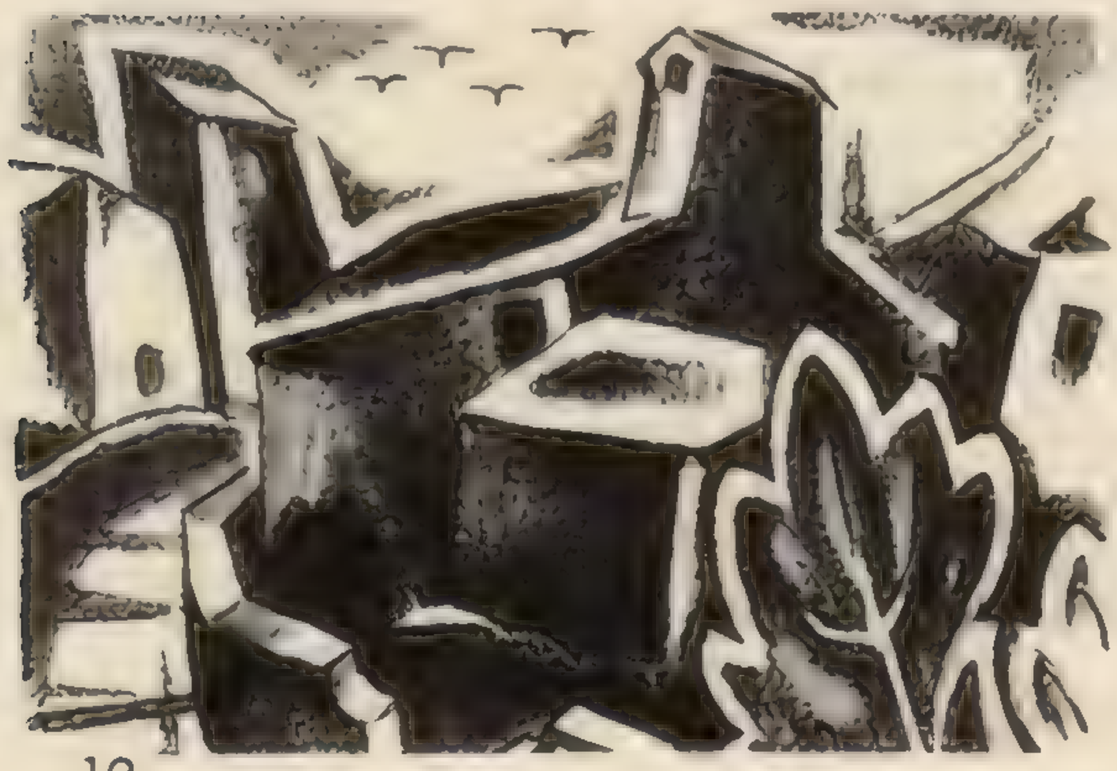
RAPID! EFFECTIVE! ECONOMICAL!

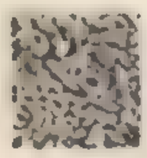
208 Sanguine Sticks. Used where broad strokes and mass color are desired. ¼" by 2¾". Made in three degrees: 1 softest, 2 and 3. Also made in pencil form No. 186 and lead form No. 2620.

5 cents per stick **50 cents per dozen**

2205 Koh-I-Noor Graphite Sticks for layout work and sketching. ¼" x 3". Made in three degrees: 2B, 4B and 6B. Also made in pencil form No. 1500 and lead form No. 2200.

10 cents per stick **50 cents per box of six**



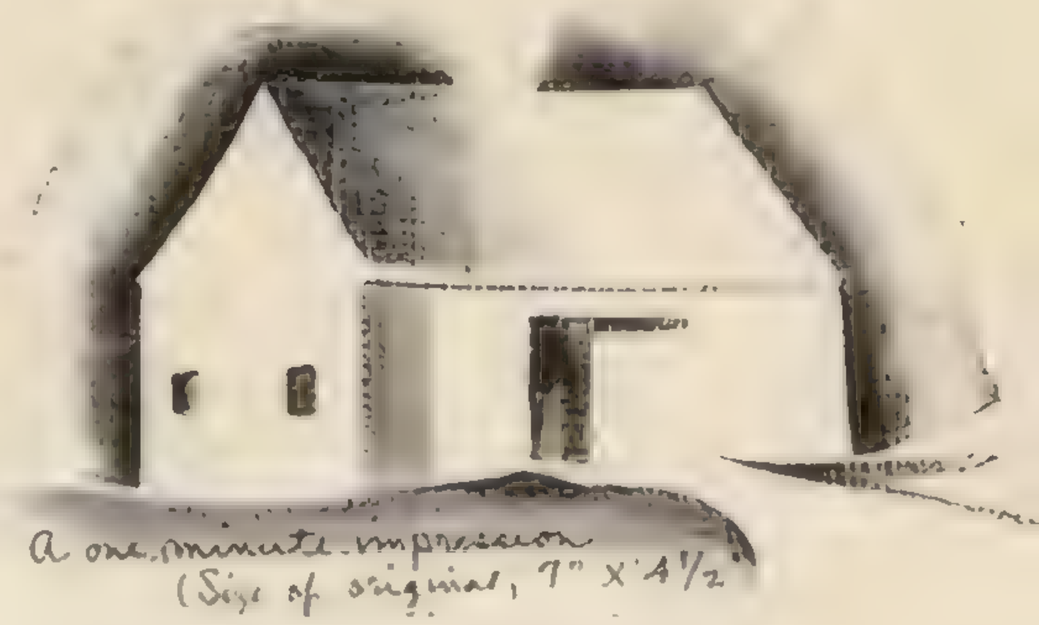


2206 Koh-I-Noor Giant Graphite Sticks are fine for extra large areas when an even tone is desired. ¼" x ½" x 3". Made in three degrees: 2B, 4B and 6B.

20 cents per stick **$1.00 per box of six**

PERMANENT CHALKS AND HOLDERS

Teachers, students, artists and advertising layout men are interested in square sticks, not only for quick interpretations, but also for finished work. They lend themselves admirably to the more modern and unusual techniques. Sketches on this and the opposite page, though done rapidly, show the possibilities of this type medium.



Sticks may be used on their ends, sides or corners, sandpaper being utilized to re-sharpen the edges. If end strokes are desired, the holders listed below will be found a decided convenience. Square sticks are manufactured in the materials shown on this and the opposite page, and also in the Mona Lisa Oil Chalks shown on page 9.

803 Nickeled Holder for use with all the sticks shown on page 12 except No. 2206. May also be used with Mona Lisa Sticks and Permanent Drawing Chalks. Heavily nickel plated with sliding sleeve to tighten holder on the stick. Eliminates waste and prevents soiling the fingers.

15 cents each

803½ Double End Nickeled Holder. Same as the No. 803 but having doublo ends for holding two sticks. **15 cents each**

CRETA—KOH-I-NOOR PASTEL

These chalks are made in 49 permanent colors. They are firmer than ordinary Pastels but soft enough to produce the most delightful, deep, soft colors so sought for by artists. Formerly known as Permanent Drawing Chalks. Sold in assorted sets only

CRETA—KOH-I-NOOR PASTEL SETS

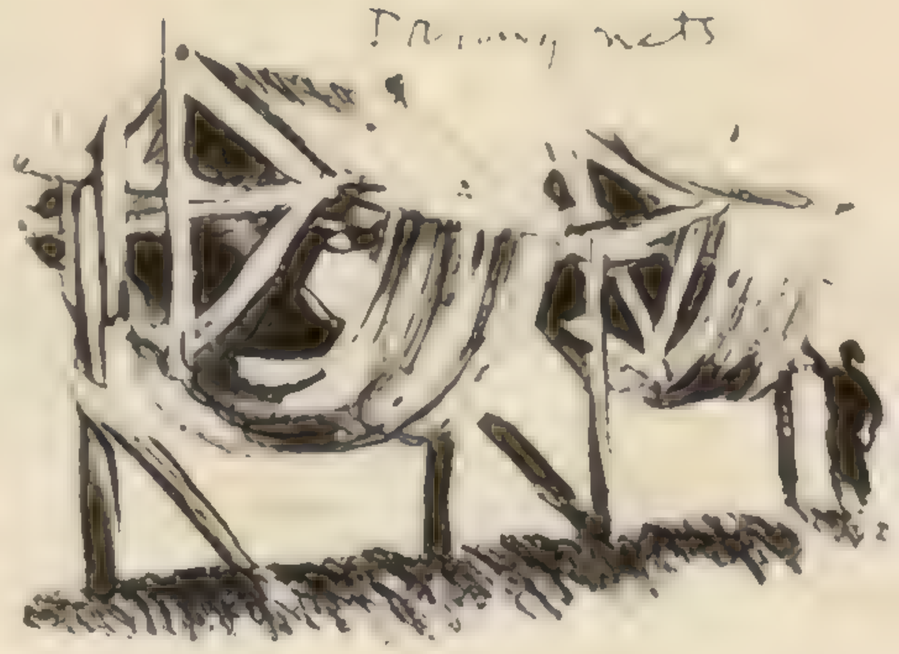
93/13—13	assorted	colors	$1.10
93/18—18	"	"	1.50
93/24—24	"	"	2.00
93/36—36	"	"	3.00
93/51—51	"	"	4.25

Note:- In addition to the full range of 49 colors, the 93/51 set contains two extra sticks of white.

The color of these sticks are the same as the Mona Lisa listed on page 9.

SKETCHING PENCILS

On this and the page opposite are listed several types of sketching pencils. Each has many uses and we suggest that you experiment to learn the capabilities of the different mediums. Then, too, test different combinations. Oft times a graphite drawing may be greatly improved by accenting certain parts with a soft Negro Pencil. The Sanguine goes well with Carbon, and Sepia and Sanguine may be used together with pleasing results.



190A Carbon Pencil has a slight drag or tooth and produces a jet black line. Offsets readily and is widely used in making geometric designs for lace and embroidery. Made in 5 degrees: 1 softest, 2, 3, 4 and 5. Also made in lead form No. 2601 and stick form No. 194.

350 Negro Pencil. A boon to the illustrator. Recommended for newspaper work, especially where photo reproduction capacity is essential. Erases easily without smudging, and its smoothness makes for rapid work. Made in 5 degrees: 1 softest, 2, 3, 4 and 5. Also made in lead form No. 2610.

772 Roman Sepia Pencil. A new pencil recently brought out due to the popularity of Roman Sepia leads No. 2632. Excellent for life drawing. Made in one degree only.

773 Cold Sepia Pencil. This is also a new number. Slightly darker than No. 772, it is very pleasing for use on tinted papers. This is the same material as leads No. 2633. Made in one degree only.

The above pencils

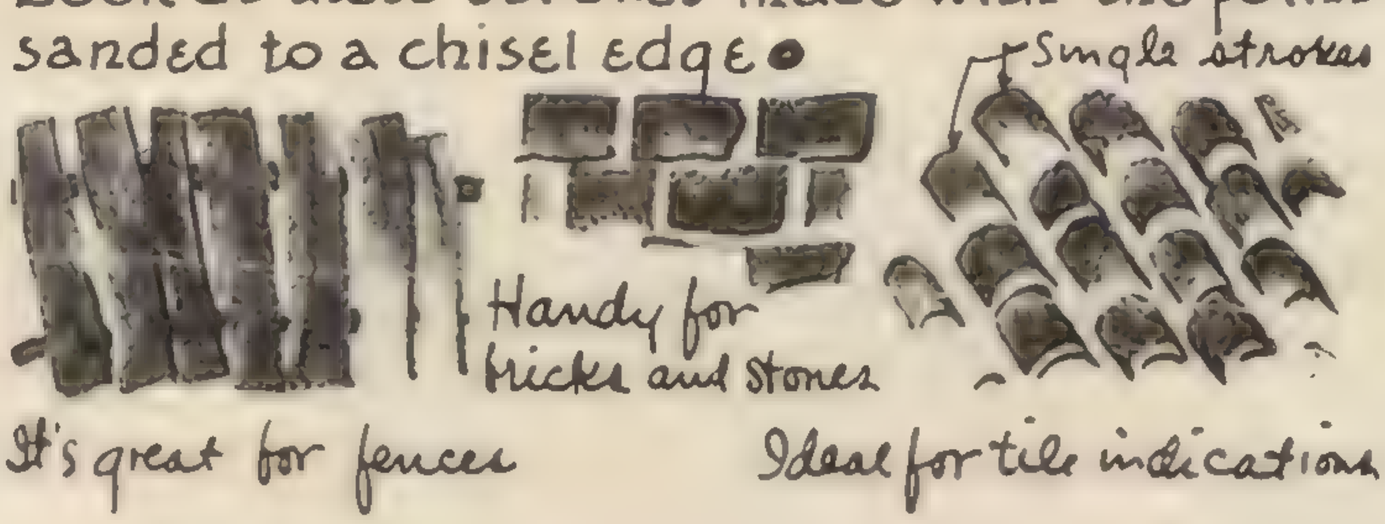
10 cents each **95 cents per dozen**

WHAT A PENCIL!

SPEEDY! EFFECTIVE!

Note the round handle, easily and comfortably gripped. See the big flat lead, "the point of a hundred uses".

Look at these strokes made with the point sanded to a chisel edge.



355 Flat Lead Sketching Pencil is indespensible to the artist for layout and general sketching work. Much time may be saved by its use for rapid portrayal of brick, stone, tile roofs, window panes, door panels, wooden fences, and for covering large areas. Many artists find it especially suitable for certain styles of lettering. It is truly "the pencil of a thousand uses." Made in three degrees: 2B, 4B and 6B.

186 Sanguine Pencil combines a texture and color long sought for by artists. This is one of the mediums used by the old masters and it will be found especially suitable for Life Sketching and is also very pleasing when used in combination with the 190A Carbon pencil.

As the Sanguine is a chalk pencil, drawings made with it must necessarily be "fixed" if they are to withstand any great amount of handling. Made in one degree only. Also made in lead form No. 2620 and stick form No. 208.

The above pencils

10 cents each **95 cents per dozen**

MEPHISTO WATER-SOLUBLE PENCILS

If you like water coloring, you will like these pencils. The rich, brilliant colors, soluble in water, are ideal for many subjects such as flowers, sunlit landscapes, photo tinting, etc. Make your drawing in the usual way and then go over it with a moist brush. A little experimenting will repay you with pleasing results.

These same Mephisto Copying Pencils have been famous for many years for their smoothness, strength of lead and brilliant non-fading colors.

7306 Mephisto Set contains eight pencils. Each pencil is sharpened ready for use.

75 cents per set

TECHNICRAYON THIN LEAD COLORED PENCILS

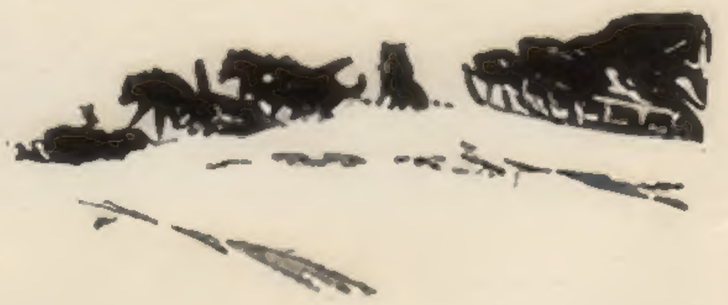
Thin lead Technicrayon pencils are made in 30 colors. They are strong and can be sharpened for the finest detail work in color but have none of the harshness and grittiness of ordinary thin lead pencils. They are soluble in water for water color effects.

1700 Technicrayon Thin Lead Colored Pencils, hexagon, gold stamped, each pencil polished in colors to match the crayon within. Individual colors:

10 cents each **$1.00 per dozen**

TECHNICRAYON SETS

1741—12 assorted colors ..... **1.00** **1743—24 assorted colors** **2.00**



LIST OF COLORS

1 White
2 Zinc Yellow
3 Chrome Yellow
4 Orange
5 Vermilion
6 Carmine
7 Crimson
8 Violet Lake, reddish
9 Violet Lake, bluish
10 Light Blue
11 Ultramarine, deep
12 Prussian Blue
13 Indigo
14 Viridian
15 May Green
16 Foliage Green
17 Sea Green
18 Brown Ochre
19 Burnt Sienna
20 Pompeian Red
21 Reddish Brown
22 Sepia, natural
23 Dark Grey
24 Black
25 Light Grey
26 Ultramarine
27 Paris Blue
28 Violet
29 Light Green
30 Olive Green

PHOTO RETOUCHING SET

This photo-retouching set embodies all the necessary materials required for retouching positives or negatives. It contains 3 Koh-I-Noor Drawing Pencils, 2 Negro Drawing Pencils, 3 Koh-I-Noor Retouching Pencils (semi-matt), 3 Koh-I-Noor Retouching Pencils (matt), 1 soft eraser, 1 hard eraser, 1 kneaded eraser, 6 paper stumps, 1 bottle Mattolein, 1 bottle Resisto, 1 atomizer, 1 glass block for pointing and 2 erasing knives. Packed in a beautiful leatherette box handsomely stamped in gold.

3000 Photo Retouching Set. . . . $3.00 each

ALLKORE PENCILS

Here is something new, a pencil that is solid marking material thru and thru. The outer surface is covered with a plastic material, making a strong, smooth and entirely practical marking instrument which can be sharpened with a knife or in a pencil sharpener. We know you will like them.

2040 Graphite HB-2B-6B

2540—Red 2541—Blue 2542—Green 2543—Red & Blue 2544—Claret
2545—Yellow

15c each **$1.50 per dozen**

SKETCHING SET

This versatile set will be welcomed by anyone who sketches. It has a varied selection of drawing mediums for black and color sketching in an attractive, compact, blue leather finished box. Each set contains:

2 Negro Drawing Pencils
2 Carbon Drawing Pencils
1 Sanguine Pencil
2 Koh-I-Noor Drawing Pencils
6 Mona Lisa Oil Chalk Sticks
1 Pen-Releasing Penholder
1 Rubber Eraser
1 Pencil Point Protector

1532 Sketching Set. . . . . $1.50 each

"H" GRAY PLIABLE RUBBER

The "H" eraser has long been famous for its fine quality. It is soft and pliable and erases effectively without marring the paper.

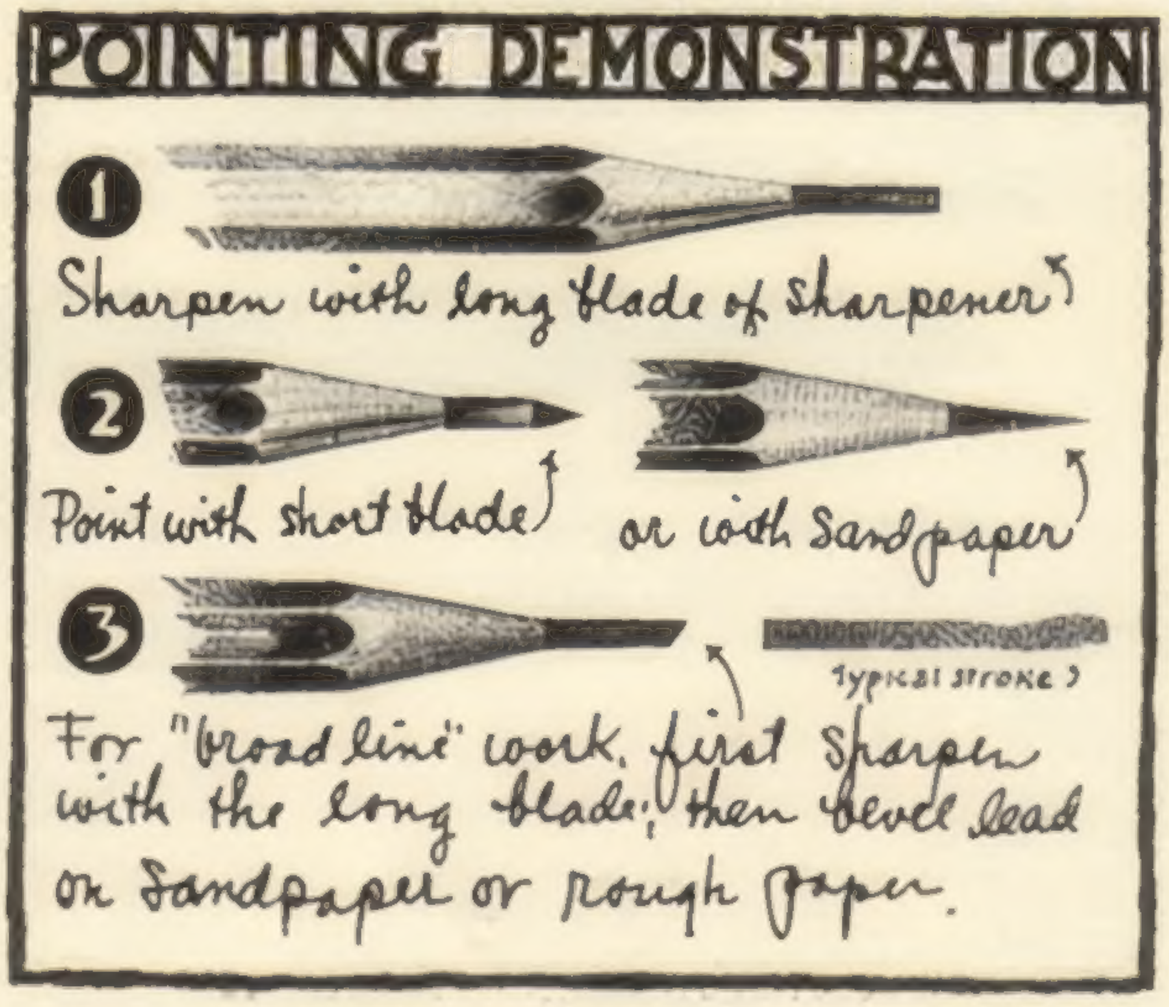
270 "H"—Size 40 . . . . . 5 cents each
" 20 . . . . . 10 cents each
" 12 . . . . . 15 cents each
" 8 . . . . . 25 cents each

KOHPLASTIC RUBBER

For cleaning finger marks or smudges. Will not injure the surface of paper. Very soft and plastic, easily shaped into any desired form.

100—Size 5 . . . . . 5 cents each **100—Size 10 . . . . . 10 cents each**

TUTIOR JUWEL SHARPENER

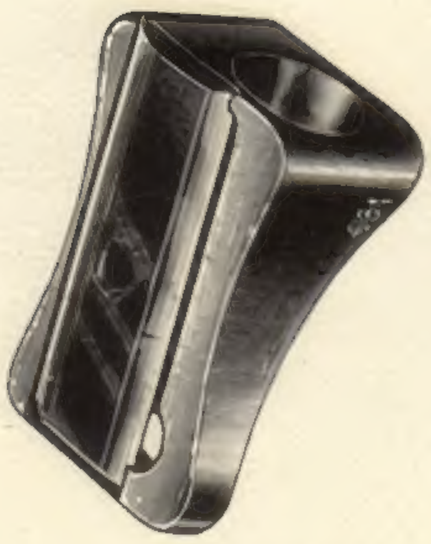

POINTING DEMONSTRATION
1
Sharpen with long blade of sharpener
2
Point with short blade
or with Sandpaper
3
Typical stroke
For "broad line" work, first sharpen with the long blade; then bevel lead on Sandpaper or rough paper.

With two adjustable blades. One cuts the wood only, the other points the lead. Permits sharpening to any desired length of lead. The popular draftsman's chisel edge may be obtained by use of a sandpaper block.

Made of heavy brass with fine tool steel blades. Packed in handy leather case.

1000 Tutior Juwel Sharpener . . . 50 cents each **Extra Blades . . . 15 cents per set**

STUDIO SHARPENER



This sharpener is made of the same high quality material as that used in the Tutior Juwel. The body is of heavy brass and the reversible double edged blade is of fine tool steel. Unlike the Tutior Juwel, this sharpener cuts the wood and points the lead in one operation. The blade is removable for changing or sharpening. An unusually handy and efficient instrument.

981—Studio Sharpener . . . . . 25 cents each
Extra Blades . . . . . 10 cents each

HARDTMUTH QUALITY PENHOLDERS

Quality is just as important in penholders as in fine pencils. Wherever you may be, you will enjoy the feel of balance, and admire the fine finish and workmanship of a Hardtmuth Penholder.

106-A—Lettering Penholder for use with Crow Quill pens. The triangular shape fits the hand much better than the ordinary Quill holder, making better work possible. Made in three attractive finishes, Red, Black and Natural.

5 cents each **50 cents per dozen**

114½—DeLuxe Penholder. An especially fine holder, beautifully tapered and finished in pleasing shades of silvertone pastel with marbelized grip. Truly a deluxe holder.

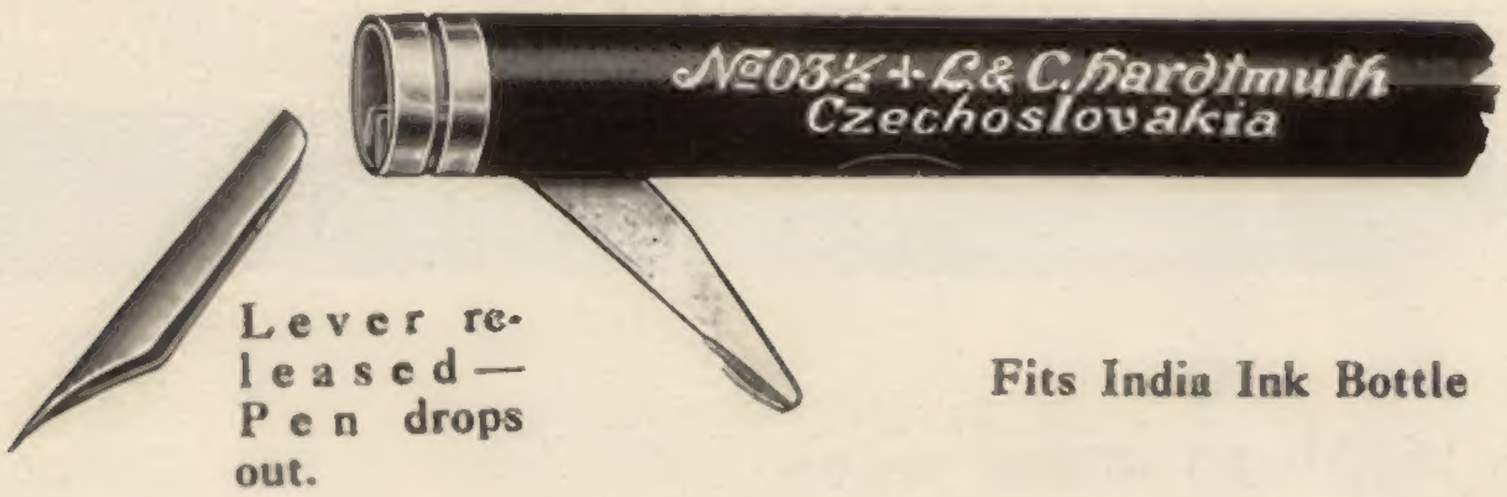
10 cents each **$1.00 per dozen**

15—Koh-I-Noor Penholder. Beautifully finished in assorted colors, Red, Blue Green, Yellow, Purple and Black, with white grips.

10 cents each **$1.00 per dozen**

113½—Koh-I-Noor Penholder. Same as the No. 15 except having black grips.

10 cents each **$1.00 per dozen**



03½—Pen-Releasing Penholder. Old, gummed and rusted pens are easily and quickly removed. No more soiling or cutting the fingers. There are no metal parts in contact with the fingers, and the light weight, well balanced, correctly tapered body gives the user a holder easy to use and one in which the pens may be interchanged easily. Made in three finishes, Red, Black and Natural.

10 cents each **$1.00 per dozen**